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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/935,222	08/22/2001	Junichi Yamagishi	F-7051	8696
28107	7590	01/26/2006	EXAMINER	
JORDAN AND HAMBURG LLP			CHO, UN C	
122 EAST 42ND STREET			ART UNIT	
SUITE 4000			PAPER NUMBER	
NEW YORK, NY 10168			2687	

DATE MAILED: 01/26/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/935,222

Applicant(s)

YAMAGISHI, JUNICHI

Examiner

Un C. Cho

Art Unit

2687

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 October 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) 5-12 and 17-24 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4 and 13-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>8/22/01, 9/16/05</u> | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 10/24/2005 has been entered.

Information Disclosure Statement

2. The information disclosure statement (IDS) submitted on 8/22/2001 and 9/16/2005 have been considered by the examiner.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1 – 4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mozer (US 5,657,380) in view of Bain et al. (US 6,721,408 B1), in view of von Bauer (US 5,428,388) and in view of Scott (US 6,272,562).

Regarding claim 1, Mozer discloses a wireless call system (automatic door answering and message system, abstract) comprising: an outdoor unit (exterior unit, Fig. 1, 28; Mozer, Col. 4, lines 49 – 51) installed on the outside of an entrance of a structure having a door lockable with lock means (door release mechanism, Mozer, Col. 8, lines 15 - 18), the outdoor unit having a call button responsive to finger pressure and means responsive to the call button to make a call to a resident in the structure (button, Fig. 1, 26; Mozer, Col. 5, lines 1 – 42), an indoor unit connected to the outdoor unit by radio, for informing a resident of presence of a visitor upon receiving a signal from the outdoor unit and allowing the resident to answer the visitor through the outdoor unit (exterior unit, Fig. 1, 32; Mozer, Col. 4, lines 54 – 67).

However, Mozer as applied above does not specifically disclose a message input button, responsive to finger pressure controlling a messaging means for inputting a message to the resident; the outdoor unit having image pickup means for picking up an image of the visitor making a call with the outdoor unit; the indoor unit being portable and having display means for displaying the visitors image picked up by the image pickup means; the indoor unit being portable to an optional location and allowing, at the optional location, the resident to check the visitor displayed on the display means, the outdoor unit having fingerprint input means for inputting fingerprint information of the visitor, unlock control means for unlocking the lock means if the fingerprint information input through the fingerprint input means agrees with registered fingerprint information,

and at least one of the call button and the message input button being made of conductive material and grounded to effect static discharge in conjunction with finger depression to form an integrated static discharge and input button device. In an analogous art, Bain discloses a message input button, responsive to finger pressure controlling a messaging means for inputting a message to the resident (Bain, Col. 4, lines 31 – 43). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the technique of Bain to the system of Mozer in order to provide an efficient way of notifying the resident that someone had stopped by and was not able to reach the resident.

However, Mozer in view of Bain as applied above does not specifically disclose the outdoor unit having image pickup means for picking up an image of the visitor making a call with the outdoor unit; the indoor unit being portable and having display means for displaying the visitors image picked up by the image pickup means; the indoor unit being portable to an optional location and allowing, at the optional location, the resident to check the visitor displayed on the display means, the outdoor unit having fingerprint input means for inputting fingerprint information of the visitor, unlock control means for unlocking the lock means if the fingerprint information input through the fingerprint input means agrees with registered fingerprint information, and at least one of the call button and the message input button being made of conductive material and grounded to effect static discharge in conjunction with finger depression to form an integrated static

discharge and input button device. In an analogous art, von Bauer discloses the outdoor unit (door bell station, Fig. 1a, 31) having image pickup means (CCD camera, Fig. 1a, 45) for picking up an image of the visitor making a call with the outdoor unit (door bell station, von Bauer, Col. 7, lines 15 – 28), the indoor unit (video receiver station, Fig. 4, 250) being portable and having display means (the video receiver station receives the appropriate signals from the door bell station and displays the received information on a TV) for displaying the visitor's image picked up by the image pickup means and the indoor unit (video receiver station) being portable to an optional location (the video receiver station is portable and can use any TV within its vicinity as a display) and allowing at the optional location the resident to check the visitor displayed on the display means (von Bauer, Col. 6, lines 34 – 51 and Col. 7, lines 28 – 34). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the technique of von Bauer to the modified system of Mozer and Bain in order to provide a secure monitoring system having a remote sensing station which is capable of transmitting audio and visual data to a monitoring station via modulated radio waves so that the user can safely monitor its surroundings for any suspicious activities.

However, Mozer in view of Bain and in view of von Bauer as applied above does not specifically disclose the outdoor unit having fingerprint input means for inputting fingerprint information of the visitor, unlock control means for unlocking the lock means if the fingerprint information input through the

fingerprint input means agrees with registered fingerprint information, and at least one of the call button and the message input button being made of conductive material and grounded to effect static discharge in conjunction with finger depression to form an integrated static discharge and input button device. In an analogous art, Scott discloses the feature of the outdoor unit (Access Control Unit, Fig. 1, 100) having biometric information input means (finger print scanner, Fig. 1, 108) for inputting biometric information on the visitor (Scott, Col. 3, lines 32 – 62) and the ACU (Access Control Unit) further having unlock control means for unlocking the lock means if the biometric information input through the biometric information input means agrees with registered biometric information (granting access to the individual after biometric analysis, Scott, Col. 1, lines 9 – 45), and it would have been obvious to one of ordinary skill in the art at the time the invention was made to use conductive material and have a connection connected to ground in order to get rid off static discharge when a user touches the outdoor unit so that it does not shock the circuitry within the outdoor unit as a preventive measure. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the technique of Scott to the modified system of Mozer, Bain and von Bauer in order to provide a compact ACU which allows it to be incorporated into a wider range of access control applications, such as, prison security points and entry/exit locations in a secure building or area, and also it allows to be integrated more easily with existing computer systems to provide maximum security.

Regarding claim 2, Mozer in view of Bain, in view of von Bauer and in view of Scott as applied above discloses the outdoor unit (exterior unit, Fig. 1, 28, Mozer) has message taking means for taking a message from the visitor (a single microphone for taking message from the visitor, Fig. 1, 24, Mozer); and the indoor unit (interior unit, Fig. 1, 32, Mozer) has message playback means for playing back the visitor's message taken by the message taking means (a single speaker Fig. 1, 22 to playback the message taken from the exterior unit; Mozer, Col. 4, lines 42 – 67).

Regarding claim 3, Mozer in view of Bain, in view of von Bauer and in view of Scott as applied above discloses the indoor unit has image recording means for recording the visitor's image picked up by the image pickup means (door bell station having a camera captures images, von Bauer, Col. 7, lines 15 – 28); and the display means is able to display the visitor's image recorded by the image recording means (video receiver receives the captured image and displays it in any TV, von Bauer, Col. 6, lines 34 – 51 and Col. 7, lines 28 – 34).

Regarding claim 4, Mozer in view of Bain, in view of von Bauer and in view of Scott as applied above discloses the indoor unit has image recording means for recording the visitor's image picked up by the image pickup means (von Bauer, Col. 6, lines 34 – 51 and Col. 7, lines 15 – 34) and message recording means for recording the visitor's message taken by the message taking means; and the display means is able to display the visitor's image recorded by the image recording means, and the message playback means is able to play back

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the visitor's message recorded by the message recording means (von Bauer, Col. 6, lines 52 – 68).

5. Claims 13 – 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mozer in view of Bain in view of von Bauer and in view of Scott as applied to claim 1 above, and further in view of Setlak (US 6,628,812).

Regarding claim 13, Mozer in view of Bain in view of von Bauer and in view of Scott as applied above does not specifically disclose wherein the conductive material is any one of nonconductive resin mixed with conductive metal powder, nonconductive resin mixed with carbon fiber, and conductive resin. In an analogous art, Setlak discloses the conductive material (conductive strip or external electrode, Fig. 3, 54) is any one of nonconductive resin mixed with conductive metal powder, nonconductive resin mixed with carbon fiber, and conductive resin (the conductive material can be made of any combination such as multiple conductive and insulating layers, Setlak, Col. 7, lines 4 – 29, Col. 8, lines 1 – 7 and 19 – 67). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the technique of Setlak to the modified system of Mozer, Bain, von Bauer and Scott in order to prevent damaging sensitive circuitry such as a fingerprint sensor package from ESD (Electro Static Discharge) events.

Regarding claims 14, 15 and 16, the claims are interpreted and rejected for the same reason as set forth in claim 13.

Response to Arguments


6. Applicant's arguments with respect to claims 1 – 4 and 13 – 16 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Un C. Cho whose telephone number is (571) 272-7919. The examiner can normally be reached on M ~ F 8:00AM to 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on (571) 272-7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


EUSEO RAMOS-FELICIANO
PATENT EXAMINER

Un C Cho
Examiner
Art Unit 2687

1/11/06 *oe*